

Appendix A
U.S. Serial No. 09/972,268
Clean Version of Table 2 as of June 2003

Table 2
Conserved Nectin Amino Acids

(Hs=Homo sapiens)
(Mus=Murine)

Protein (SEQ ID NO)					
HUNECTION2 (22)	~~~~~	~~~~~	MARAAALLPS	RSPPTPLLWP	LLLLLLL...
HUCD155 (25)	~~~~~	~~~~~	~~~~~	MARAMAAWP	LLLVALLVLS
HUNECTION1 (20)	~~~~~	~~~~~	~~~~~MARMG	LAGAAGRWWG	L...ALGLTA
HUNECTION3 (6)	MARTLRPSPL	CPGGGKAQLS	SASLLGAGLL	LQPPTPPPLL	LLLFPLLLFS
HUNECTION4 (24)	~~~~~	~~~~~	~~~~~MPLSLG	AEMWGPEAWL	LLLLLLASFT
consensus				P W	LLL LL
			l	l	f
HUNECTION2	51				100
HUCD155	..ETGAQDVR	VQVLPEVRGQ	LGGTVELPCH	L.LPPVPGLY	ISLVTWQRPD
HUNECTION1	WPPPGTGDDV	VQAPTQVPGF	LGDSVTLP CY	LQVPNMEVTH	VSQLTWAR..
HUNECTION3	FFLPGVHSQV	VQVND SMYGF	IGTDVVLHCS	FANP.LPSVK	ITQVTWQK.S
HUNECTION4	RLCGALAGP.	IIVEPHVTAV	WGKNVSLKCL	I..EV..NET	ITQISWEKIH
	GRCP..AGE.	LETSDVVTVV	LGQDAKLPCF	YRGDS..GEQ	VGQVAWARVD
	PG	VQV V G	LG V LPC	P	I QVTW R
	c ag	t v		e	
HUNECTION2	101				150
HUCD155	APANHQNVA	FHPKMGPSFP	SPKPGSERLS	FVSAKQSTGQ	DTEAELQDAT
HUNECTION1	.HGESGSMAV	FHQTQGPSYS	E....SKRLE	FVAARLG...	...AELRNAS
HUNECTION3	TNGSKQNVAI	YNPSMGVSV.	.LAPYRERVE	FL.....	..RPSFTDGT
HUNECTION4	.GKSSQTVAV	HHPQYGF SVQ	..GEYQGRVL	FKNYSLN...	.....DAT
	AGEGAQELAL	LHSKYGLHVS	..PAYEGRVE	QPPPPRNPL.	.....DGS
	Q VA	HP G SV	Y RVE F		DAT
	g	y	g	n	
HUNECTION2	151				200
HUCD155	LALHGLTVED	EGNYTCEFAT	FPKGSVRGMT	WLRVIAKPKN	QAEAQKVTF.
HUNECTION1	LRMFGLRVED	EGNYTCLFVT	FPQGSRSVDI	WLRVLAKPQN	TAEVQKVQL.
HUNECTION3	IRLSRLELED	EGVYICEFAT	FPTGNRESQL	NLTVMAKPTN	WIEGTQAVLR
HUNECTION4	ITLHNIGFSD	SGKYICKAVT	FPLGNAQSST	TVT VLVEPTV	SLIKGPDSLI
	VLLRNAVQAD	EGEYECRVST	FPAGSFQARL	RLRVLPPLP	SLNPGP.ALE
	L L ED	EG Y C F T	FP GS	LRVLAKP N	E L
	n		q	v	sl gp
HUNECTION2	201				250
HUCD155	....SQDPTT	VALCISKEGR	PPARISWLSS	LDWEAKETQV	SGTLAGTVTV
HUNECTION1	....TGEPVP	MARCVSTGGR	PPAQITWHSD	LGGMPNTSQV	PGFLSGTVTV
HUNECTION3	AKKGQDDKVL	VATCTSANGK	PPSVVSWETR	LKGEARVPGD	SGTPMAPVTV
HUNECTION4	DGGNE...TV	AAICIAATGK	PVAHIDWEGD	LGEM..ESTT	TSFPNETATI
	EGQGL...TL	AASC.TAEGS	PAPSVTDWTE	VKGT..TSSR	SFKHSRSAAV
	T	A C SA G	PPA I W	L G S	SG TVTV
	g	a			a

HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	251 TSRFTLVPSG RADGVTVTCK VEH..ESFEE PALIPVTLVS RYPPEVSISG TSLWILVPSS QVDGKNVTCK VEH..ESFEK PQLLTVNLTV YYPPEVSISG ISRYRLVPSR EAHQQSLACI VNYHMDRFKE ....SLTLNV QYEPEVTIEG ISQYKLFPTR FARGRRITCV VKHP..ALEK DIRYSFILDI QYAPEVSVTG TSEFHLVPSR SMNGQPLTCV VSHP..GLLQ DQRITHILHV SFLAEASVRG TS LVPSR A G TC V H FE L V Y PEVSI G v p l d r i v	300
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	301 Y.DDN.WYLG RTDATLSCDV RSNPEPTGYD WSTTSGTFPT SAVAQGSQVLV Y.DNN.WYLG QNEATLTCDA RSNPEPTGYN WSTTMGPLPP FAVAQGAQLL F.DGN.WYLQ RMDVKLTCKA DANPPATEYH WTTLNGLSLPK GVEAQNRTLF Y.DGN.WFVG RKGVNLCNA DANPPPFKSV WSRLDGQWPD GLLASDNTLH LEDQNLWHIG REGAMLKCLS EGQPPPSYN. WTRLDGPLPS GVRVDGDTLG Y D N WYLG R A L C A NPPPT Y WSTL G LP G AQG TL g k r d	350
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	351 IH.AVDSLFN TTFVCTVTNA VGMGRAEQVI FVRETP..... IR.PVDKPIN TTLCNVTNA LGARQAE LTV QVKEGP..... FKGPINYSLA GTYICEATNP IGTRSGQVEV NITEFPYTPS FVHPLTFNYS GVIYCKVTNS LGQRSDQKVI YISDPPTTTT LQPTIQWHPS F.PPLTTEHS GIYVCHVSNE FSSRDSQVTV DVLDPQEDSG KQ..... F P GTYIC VTN G R Q V V E P lt s dp q	400
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	401.....RAS P...RDV..G PLVWGAVGGT LLVLLLLLAGG.....PSE H...SGISRN AIIFLVLG.. ILVFLILLGI.....PPE HGRRAGPVPT AIIGGVAGSI LLVLIVVGGI TADIEDLATE PKKLPFPLST LATIKDDTIA TIIASVVGGA LFIVLVSVLA....VDLV.. ....SAS VVVVGVI AAL LFCLLVVVVV II GV G LLVLLV G dl f v	450
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	451 SLAFILLRVR RR.....RKS .PGGAGGGAS GDGGFYDPKA QVLGNGDPVF GIYFYWSKCS REVLWHCHLC .PSSEHHQSC RN~~~~~ VVALRRRRHT FKGDYSTKKH .VYGNGYSKA GIPQHHPMA QNLQYPDDSD GIFCYRRRRT FRGDYFAKNY IPPSDMQKES QIDVLQQDEL D..SYP.DSV LMSRYHRR.. .KAQQMTQKY EEELTLTREN SIRRLHSHHT DPRSQPEESV Y RR P I P S y e l d s v	500
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	501 WTPVVPGPME P.DGKDEEEE EEEKAEKGL MLPPPPALED DMESQLDGSL ~~~~~ .DEKKAGPLG G.SSYEEEE EEEGGGGER KVGGPHPKYD EDAKRPYFTV .KKENKNP.. .VNNLIRKDY LEEPEKTQWN NVENLNRFER PMDYEDLKM GLRAEGHPDS LKDNSSCSVM SEEPEGRSYS TLTTVREIET QT...ELLSP P EE E n pe e l	550
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	551 ISRRVYV~ ~~~~~ ~~~~~ DEAEARQDGY GDRTLGYQYD PEQLDLAENM VSQNDGSFIS KKEWYV~ GM.KFVSDEH YDENEDDLVS HV...DGSVI SR...REWYV ~~~~~ GSGRAEEED QDEGIKQAMN HFVQENGLR AKPTGNGIYI NGRGHLV A D g e e h g y	597